

SEQUENCE LISTING

<110> Sklar, Pamela
 Lander, Eric S.
 DePaulo, J. Raymond, Jr.
 McInnis, Melvin G.

<120> BDNF Polymorphism and Association with
 Bipolar Disorder

<130> 2825.2026-001

<150> US 60/269,059

<151> 2001-02-15

<160> 5

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 1685

<212> DNA

<213> Homo sapiens

<400> 1

tgtaaaacag	gatggctcaa	tgaaattatc	tttcttcttt	ctataataga	gtatctctgt	60
gggaagagga	aaaaaaaaag	caatttaaa	gctccttata	gttccccaac	tgctgtttta	120
ttgtgctatt	catgcctaga	catcacatag	ctagaaaggc	ccatcagacc	cctcaggcca	180
ctgctgttcc	tgtcacacat	tcctgcaaag	gaccatgttg	ctaacttgaa	aaaaattact	240
attaattaca	cttgacgttg	ttgcttagta	acatttatga	ttttgtgttt	ctcgtgacag	300
catgagcaga	gatcattaaa	aattaaaact	acaaagctgc	taaagtggga	agaaggagaa	360
cttgaagcca	caattttttg	acttgcttag	aagccatcta	atctcagggt	atatgctaga	420
tcttgggggc	aaacactgca	tgtctctggg	ttatattaaa	ccacatacag	cacactactg	480
acactgattt	gtgtctgggt	cagctggagt	tatcaccaag	acataaaaaa	accttgaccc	540
tgcagaatgg	cctggaatac	aatcagaggg	ccacatggca	tcccggtgaa	agaaagccct	600
aaccagtttt	ctgtcttggt	tctgctttct	ccctacagtt	ccaccagggt	agaagagtga	660
tgaccatcct	tttccttact	atggttatct	catactttgg	ttgcatgaag	gctgccccca	720
tgaaagaagc	aaacatccga	ggacaagggt	gcttggccta	cccagggtgt	cggacccatg	780
ggactctgga	gagcgtgaat	gggcccaagg	caggttcaag	aggcttgaca	tcattggctg	840
acactttcga	acacatgata	gaagagctgt	tggatgagga	ccagaaagtt	cggcccaatg	900
aagaaaacaa	taaggacgca	gacttgta	cgtccagggt	gatgctcagt	agtcaagtgc	960
ctttggagcc	tcctcttctc	tttctgctgg	aggaatacaa	aaattaccta	gatgctgcaa	1020
acatgtccat	gagggtccgg	cgccactctg	accctgccc	ccgaggggag	ctgagcgtgt	1080
gtgacagtat	tagtgagtgg	gtaacggcgg	cagacaaaaa	gactgcagt	gacatgtcgg	1140
gcgggacggg	cacagtcctt	gaaaaggtcc	ctgtatcaaa	aggccaactg	aagcaatact	1200
tctacgagac	caagtgaat	cccattgggt	acacaaaaga	aggctgcagg	ggcatagaca	1260
aaaggcattg	gaactcccag	tgccgaacta	cccagtcgta	cgtgcggggc	cttaccatgg	1320
atagcaaaaa	gagaattggc	tggcgattca	taaggataga	cacttcttgt	gtatgtacat	1380
tgaccattaa	aaggggaaga	tagtggattt	atgttgata	gattagatta	tattgagaca	1440
aaaattatct	atttgatat	atacataaca	gggtaaatta	ttcagttaag	aaaaaaataa	1500
ttttatgaac	tgcatgtata	aatgaagttt	atacagtaca	gtggttctac	aatctattta	1560
ttggacatgt	ccatgaccag	aagggaaaca	gtcatttgcg	cacaacttaa	aaagtctgca	1620
ttacattcct	tgataatgtt	gtgggtttgt	gccgttgcca	agaactgaaa	acataaaaaa	1680
ttaaa						1685

10077171-021502

<210> 2
 <211> 247
 <212> PRT
 <213> Homo sapiens

<400> 2
 Met Thr Ile Leu Phe Leu Thr Met Val Ile Ser Tyr Phe Gly Cys Met
 1 5 10 15
 Lys Ala Ala Pro Met Lys Glu Ala Asn Ile Arg Gly Gln Gly Gly Leu
 20 25 30
 Ala Tyr Pro Gly Val Arg Thr His Gly Thr Leu Glu Ser Val Asn Gly
 35 40 45
 Pro Lys Ala Gly Ser Arg Gly Leu Thr Ser Leu Ala Asp Thr Phe Glu
 50 55 60
 His Met Ile Glu Glu Leu Leu Asp Glu Asp Gln Lys Val Arg Pro Asn
 65 70 75 80
 Glu Glu Asn Asn Lys Asp Ala Asp Leu Tyr Thr Ser Arg Val Met Leu
 85 90 95
 Ser Ser Gln Val Pro Leu Glu Pro Pro Leu Leu Phe Leu Leu Glu Glu
 100 105 110
 Tyr Lys Asn Tyr Leu Asp Ala Ala Asn Met Ser Met Arg Val Arg Arg
 115 120 125
 His Ser Asp Pro Ala Arg Arg Gly Glu Leu Ser Val Cys Asp Ser Ile
 130 135 140
 Ser Glu Trp Val Thr Ala Ala Asp Lys Lys Thr Ala Val Asp Met Ser
 145 150 155 160
 Gly Gly Thr Val Thr Val Leu Glu Lys Val Pro Val Ser Lys Gly Gln
 165 170 175
 Leu Lys Gln Tyr Phe Tyr Glu Thr Lys Cys Asn Pro Met Gly Tyr Thr
 180 185 190
 Lys Glu Gly Cys Arg Gly Ile Asp Lys Arg His Trp Asn Ser Gln Cys
 195 200 205
 Arg Thr Thr Gln Ser Tyr Val Arg Ala Leu Thr Met Asp Ser Lys Lys
 210 215 220
 Arg Ile Gly Trp Arg Phe Ile Arg Ile Asp Thr Ser Cys Val Cys Thr
 225 230 235 240
 Leu Thr Ile Lys Arg Gly Arg
 245

<210> 3
 <211> 19
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> FRET Primer

<400> 3
 ggctgacact ttcgaacac

19

<210> 4
 <211> 40
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Primer

100771-021502

<400> 4
tgtaaaacga cggccagtct tgacatcatt ggctgacact

40

<210> 5
<211> 45
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 5
taatacgact cactataggg gtacaagtct gcgtccttat tgttt

45

2025-11-20 14:02:15